

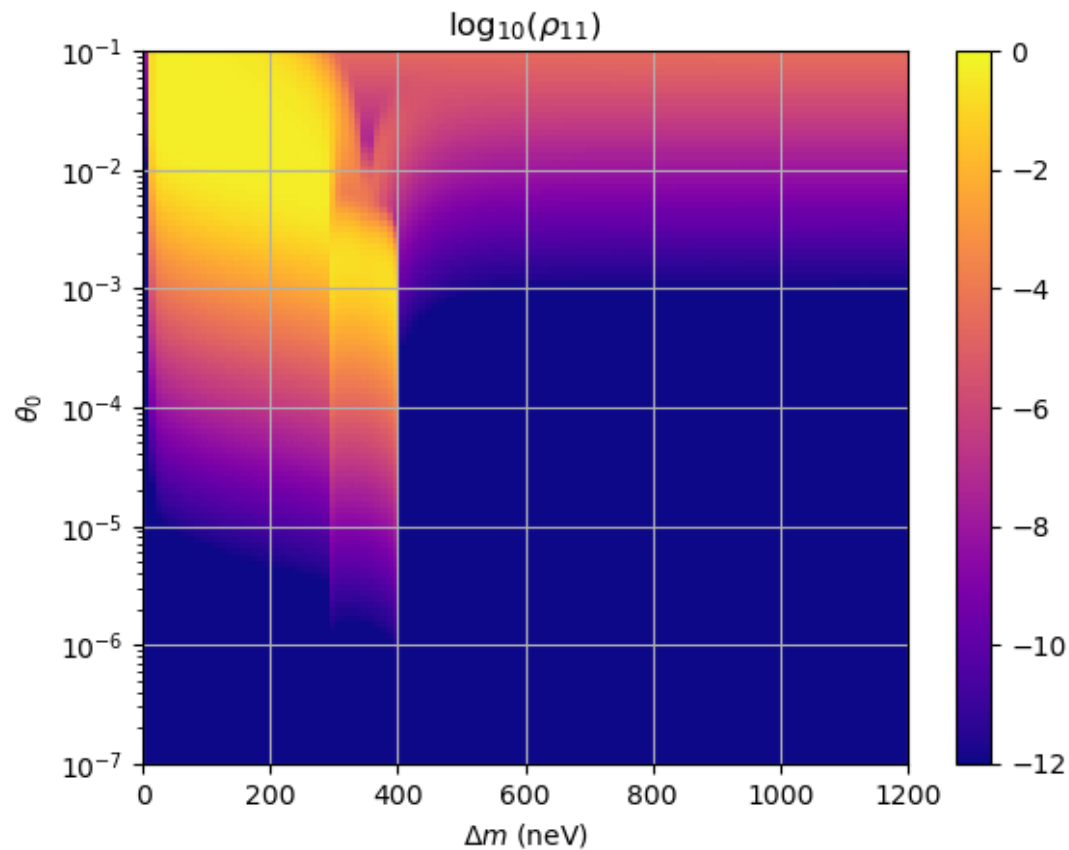
SNS Simulated Trajectories

May 10, 2022

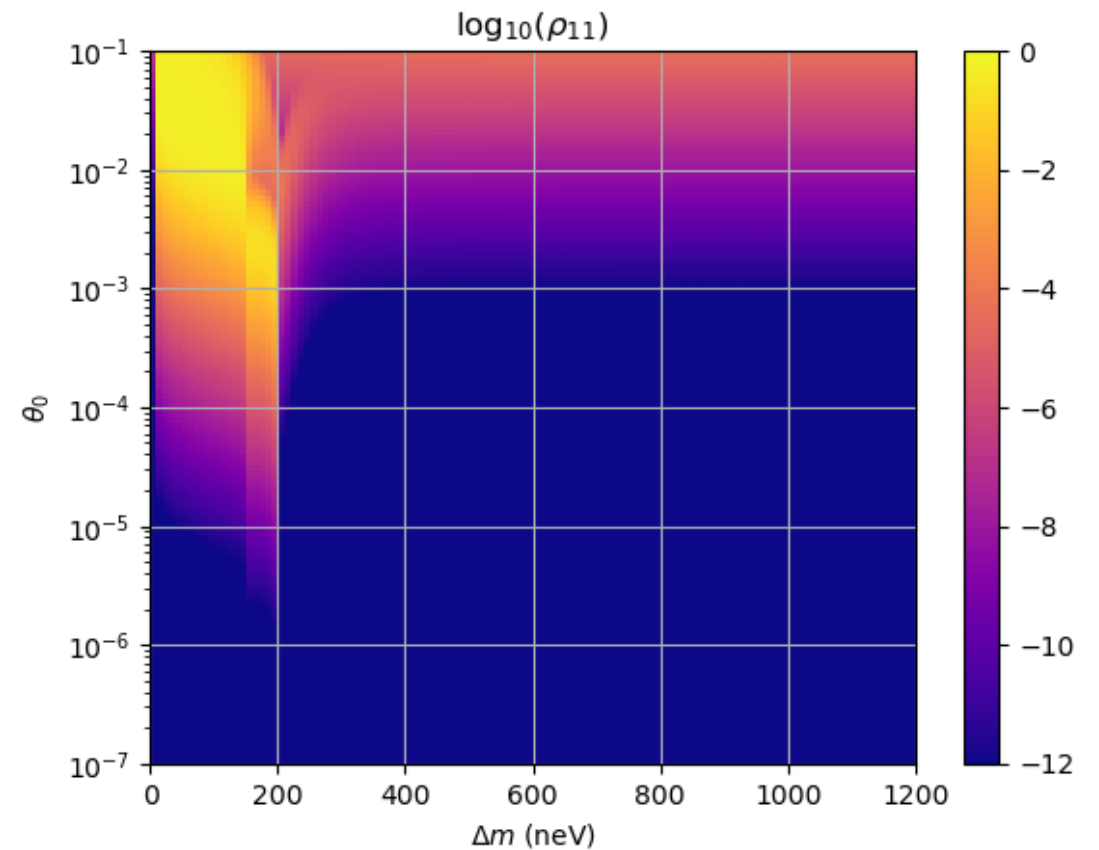
Simulated nn' with Magnetic Fields

Cadmium 3.5 mm

4.7 T

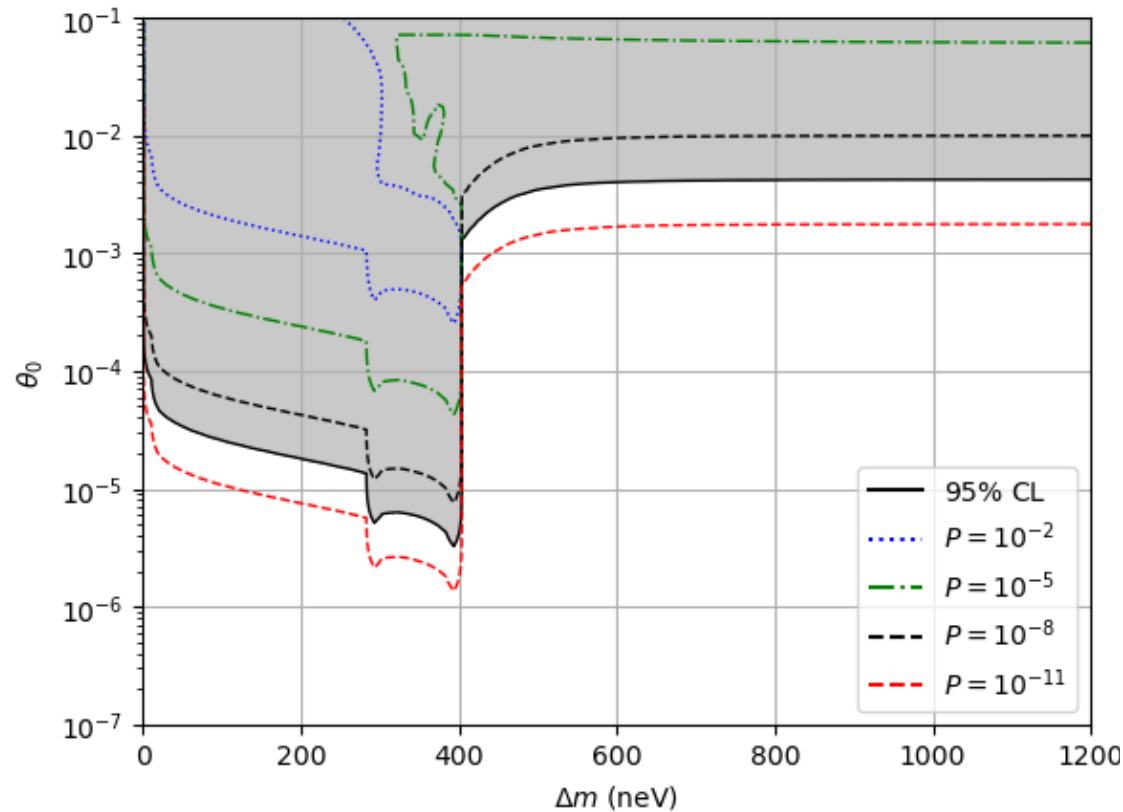


2.35 T



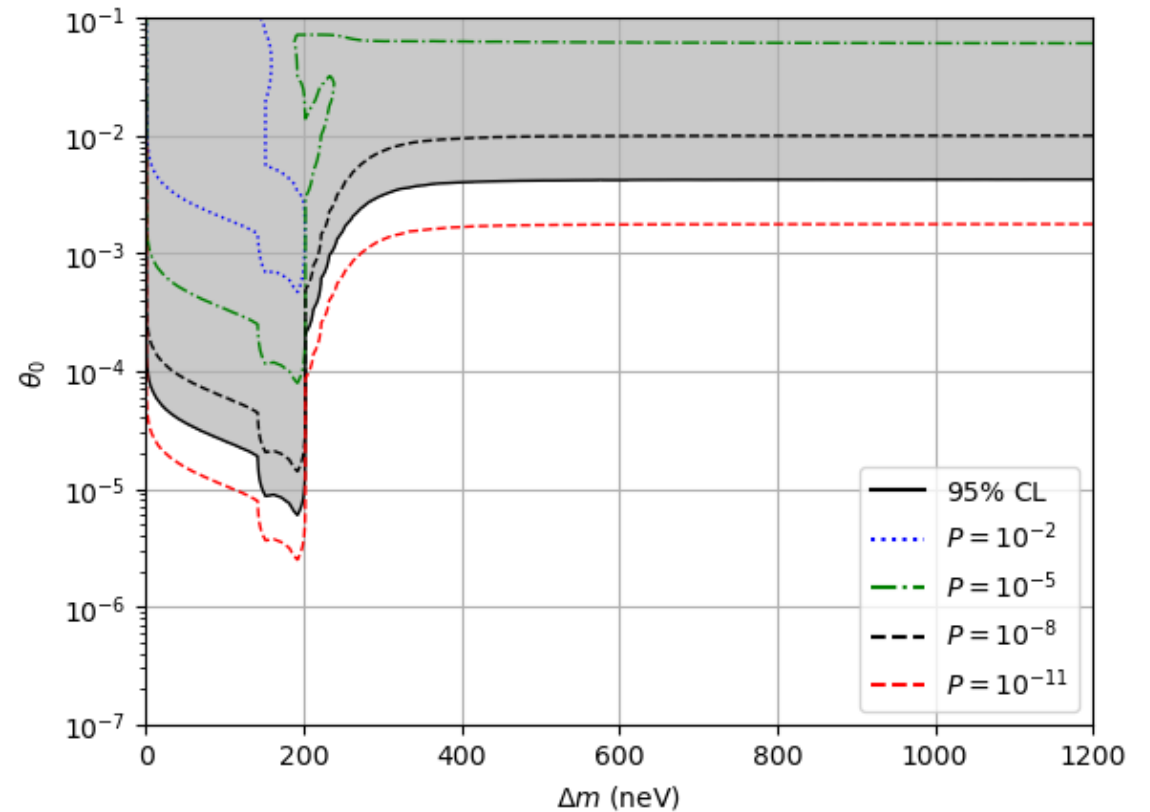
Limits (Comparing to B=0 T, see April 5th Talk)

4.7 T



$$P(B = 4.7 \text{ T}) = 3.27 \times 10^{-10} \text{ (95\% CL)}$$

2.35 T



$$P(B = 2.35 \text{ T}) = 4.35 \times 10^{-10} \text{ (95\% CL)}$$